We claim:

1. A method of treating an individual suffering from acute liver failure, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

2. A method of treating an individual suffering from inflammation of the liver, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

3. A method of treating an individual suffering from abnormal hepatocyte apoptosis, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

4. A method of treating an individual suffering from sepsis, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

5. A method of treating an individual suffering from a disorder associated with inflammation, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

6. A method of treating an individual suffering from hepatitis, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

7. A method of treating an individual suffering from abnormal apoptosis, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

8. A method of treating an individual suffering from an ischemia-associated injury or disorder, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

9. A method according to claim 8, wherein said injury or disorder is associated with hypercoagulation.

10. A method according to claim 8, further comprising administration of an agent selected from the group selected from thrombolytic and antithrombotic agents.

11. A method according to claim 10, wherein said antithrombotic agent is activated protein C.

12. A method of treating an individual suffering from a reperfusion-associated injury or disorder, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

13. A method of preventing damage to a cardiac myocyte in an individual that has suffered from abnormal myocardial ischemia, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

14. A method of treating an individual suffering from Type I diabetes, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

15. A method of treating an individual suffering from cancer, comprising administration of a therapeutically effective amount of mFLINT protein to said individual.

16. A method of treating damage to an innocent bystander tissue that is induced by a chemotherapeutic agent or therapeutic irradiation, in an individual treated with said agent or irradiation, comprising administration of a therapeutically effective amount of mFLINT to said individual.

17. A method according to claim 16, wherein said tissue is bone marrow.

18. A method according to claim 16, wherein said tissue is the intestinal epithelium.

19. A method according to claim 18, wherein said epithelium is in the oral cavity.

20. A method of treating hematopoietic progenitor cells that have been exposed to therapeutic radiation or chemotherapy, comprising administering mFLINT to said cells.

21. A method of promoting the growth or differentiation of a hematopoietic progenitor cell, comprising administering mFLINT to said cell.

22. A method of promoting the growth or differentiation of a CD34+ cell, comprising administering mFLINT to said cell.

23. A method for treating cancer, comprising treating bone marrow cells *in vitro* with mFLINT, and administering said cells to said patient, wherein said administration occurs after said patient has been treated with therapeutic irradiation or chemotherapy.

24. A method according to claim 23, wherein said cells are from said individual other than said patient.

25. A method according to claim 23, wherein said cells are from an individual other than said patient.

26. A method of treating cell damage in a patient who receives therapeutic irradiation or chemotherapy, comprising administering to said patient, a therapeutically effective amount of mFLINT with said irradiation or chemotherapy.

27. A method according to claim 25, wherein said cell is an intestinal epithelial cell, a hematopoietic progenitor cell, or a peripheral blood cell.

28. A method of treating aplastic anemia, comprising administering a therapeutically effective amount of mFLINT to a patient suffering from aplastic anemia.

29. A method of treating a myelodysplastic syndrome, comprising administering a therapeutically effective amount of mFLINT to a patient suffering from said syndrome.

30. A method of treating a pancytopenic condition, comprising administering a therapeutically effective amount of mFLINT to a patient suffering from said condition.

31. An isolated nucleic acid molecule having the sequence of Figure 1.

32. An isolated nucleic acid molecule having the sequence of Figure 3.

33. An isolated polypeptide having the sequence of Figure 1.

34. An isolated polypeptide having the sequence of Figure 3.

35. A mouse comprising a transgene having the sequence of Figure 1.

ABSTRACT

Mature FLINT protein (mFLINT) binds FasL and LIGHT, and prevents FasL-Fas interaction. mFLINT inhibits FasL-Fas-mediated apoptotic and proinflammatory activity, and is useful in treating disorders that may be associated with abnormal apoptosis and inflammation. The invention provides the amino acid and nucleotide sequences of FLINT and mature FLINT. Therapeutic compositions and methods of treatment utilizing mFLINT also are provided.